

ZAV'YALOV, S.I.; KONDRAT'YEVA, G.V.; KUDRYAVTSEVA, L.F.

New path in the synthesis of steroid compounds. Izv.AN SSSR Otd.
khim.nauk no.3:529-530 Mr '61. (MIRA 14:4)

1. Institut organicheskoy khimii imeni N.D.Zelinskogo AN SSSR.
(Steroids)

ZAV'YALOV, S.I.; VASIL'YEV, A.F.; VINOGRADOVA, L.P.

Chemistry of dihydroresorcinol. Report No.5: Reactions of cyclic
 β -dicarbonyl compounds with hydrogen peroxide in an alkaline medium.
Izv.AN SSSR.Otd.khim.nauk no.5:849-853 My '61. (MIRA 14:5)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Resorcinol) (Hydrogen peroxide)

VINOGRADOVA, L.P.; ZAV'YALOV, S.I.

- * β -Dicarbonyl compounds. Report No.11: Reaction of 2-acylcyclo-
alkanes with hydrogen peroxide. Izv. AN SSSR. Otd. khim. nauk no. 11:
2050-2054 N '61. (MIRA 14:11)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.
(Carbonyl compounds) (Hydrogen peroxide)

ZAV'YALOV, S.I.

β -Dicarbonyl compounds. Report No.13: Chemical properties of
Meldrum's acid. Izv. AN SSSR Otd.khim.nauk no.12:2185-2189 D
'61. (MIRA 14:11)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Acids, Organic)

ZAV'YALOV, S.I.; KONDRAT'YEVA, G.V.; KUDRYAVTSEVA, L.F.

New method for the synthesis of steroid compounds. Med. proc. 15
no.2:56-57 F '61. (MIRA 14:3)

1. Institut organicheskoy khimii imeni N.D.Zelinskogo AN SSSR.
(STEROIDS)

KONDRAT'YEVA, G.V.; KUDRYAVTSEVA, L.F.; ZAV'YALOV, S.I.

Synthesis of 2,6-dimethyl-2-cyano-5-(p-methoxyphenyl)-1-cyclohexanone. Zhur. ob. khim. 31 no. 11:3621-3626 N '61.
(MIRA 14:11)

1. Institut organicheskoy khimii imeni N.D. Zelinskogo AN SSSR.
(Cyclohexanone)

ZAV'YALOV, S.I.; KONDRAT'YEVA, G.V.; KUDRYAVTSEVA, L.F.

β -Dicarbonyl compounds. Part 12: Carrying out the nucleophilic reactions of dihydroresorcinol and its derivatives in solvents of low polarity. Zhur. ob. khim. 31 no. 11:3695-3700 N '61.
(MIRA 14:11)

1. Institut organicheskoy khimii imeni N.D. Zelinskogo Akademii nauk SSSR.

(Resorcinol)

ZAV'YALOV, S.I.; KONDRAT'YEVA, G.V.

p-Dicarbonyl compounds. Part 15: Chemical properties of
1,3-dichloro-1,3-cyclohexadiene and its derivatives. Zhur.
ob.khim. 31 no.12:3987-3991 D '61. (MIRA 15:2)

1. Institut organicheskoy khimii imeni N.D.Zelinskogo AN SSSR.
(Cyclohexad'ene)

GUNAR, V.I.; ZAV'YALOV, S.I.

New method of synthesizing quinolizidine derivatives. Dokl. AN SSSR
139 no.2:367-368 J1 '61. (MIRA 14:7)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.
Predstavleno akademikom B.A. Kazanskim.
(Norlupinane)

GUNAR, V.I.; ZAV'YALOV, S.I.; PERSHIN, G.N.; MILOVANOV, S.N.;
BOGDANOVA, N.S.; MAKEYEVA, O.O.; KROTOV, A.I.

(α -Dicarbonyl compounds. Part 14: Synthesis, transformations,
and biological activity of 2-prenylidihydroresorcinol. Zhur.
ob.khim. 31 no.12:3975-3984 D '61. (MIRA 15:2)

1. Institut organicheskoy khimii imeni N.D.Zelinskogo AN
SSSR; Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farma-
tsevticheskiy institut imeni S.Ordzhonikidze i Institut
malyarii, meditsinskoy parazitologii i gel'mintologii.
(Resorcinol)

ZAKHARKIN, L.I.; VINOGRADOVA, L.P.; KORNEVA, V.V.; ZAV'YALOV, S.I.

Synthesis of brassylic and 1,12-dodecanedicarboxylic acids.
Izv.AN SSSR.Otd.khim.nauk no.7:1309-1311 JI '62. (MIRA 15:7)

1. Institut elementoorganicheskikh soedineniy AN SSSR i Institut
organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Tridecanedioic acid) (Tetracecanedioic acid)

GUNAR, V.I.; KUDRYAVTSEVA, L.F.; ZAV'YALOV, S.I.

β -Dicarbonyl compounds. Report No.16: Alkylation of dipotassium derivatives of cyclic β -dicarbonyl compounds in liquid ammonia. Izv.AN SSSR.Otd.khim.nauk no.8:1431-1435 Ag '62. (MIRA 15:8)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Carbonyl compounds) (Alkylation)

VINOGRADOVA, L.P.; RUDENKO, B.A.; ZAV'YALOV, S.I.

β-Dicarbonyl compounds. Report No.17: Interaction of
2-acylcycloalkanones with hydrogen peroxide. Izv.AN SSSR.Otd.
khim.nauk no.8:1436-1441 Ag '62. (MIRA 15:8)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Carbonyl compounds) (Hydrogen peroxide)

KONDRAT'YEVA, G.V.; KOGAN, G.A.; ZAV'YALOV, S.I.

β -Dicarbonyl compounds. Report No.18: Chemical properties
of methylene-bis-dihydroresorcinol and methylene-bis-dimedon.
Izv.AN SSSR.Otd.khim.nauk no.8:1441-1447 Ag '62. (MIRA 15:8)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Resorcinol) (Cyclohexanedione)

GUNAR, V.I.; ZAV'YALOV, S.I.

New possibility of building-up a ring system of the CD steroid molecule. Izv.AN SSSR,Otd.khim.nauk no.3:527-529 Mr 62.

(MIRA 15:3)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Steroids) (Cyclization)

KONDRAT'YEVA, G.V.; KUDRYAVTSEVA, L.F.; ZAV'YALOV, S.I.

Synthesis of trans-8-methyl-5-(p-methoxyphenyl)-1-hydrindanone.
Izv.AN SSSR,Otd,khim.nauk no.3:526-527 Mr '62. (MIRA 15:3)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Indanone)

VINOGRADOVA, L.P.; ZAV'YALOV, S.I.

Conversion of 2-methylaminomethylenecyclohexanone to pimelic acid.
Zhur.ob.khim. 32 no.8:2744 Ag '62. (MIRA 15:9)

1. Institut organicheskoy khimii imeni N.D. Zelinskogo AN SSSR.
(Cyclohexanone) (Pimelic acid)

GUNAR, V.I.; OVECHKINA, L.F.; ZAV'YALOV, S.I.

Condensation of 1-morpholinecyclohexene with Mannich ketones. Izv.
AN SSSR, Otd.khim.nauk no.6:1110-1111 Je '63. (MIRA 16:7)

1. Institut organicheskoy khimii imeni Zelinskogo AN SSSR.
(Cyclohexene) (Morpholine) (Ketones)

VINOGRADOVA, L.P.; ZAV'YALOV, S.I.

β -Dicarbonyl compounds. Report No.19: Preparation of pimelic acid from 2-formylcyclohexanone. Izv.AN SSSR Otd.khim.nauk no.5:866-870 My '63. (MIRA 16:8)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Pimelic acid) (Cyclohexanone)

VINOGRADOVA, L.P.; ZAV'YALOV, S.I.

Reaction between 2-formylcyclohexanone cyclohexylamine
and hydrogen peroxide. Zhur.ob.khim. 33 no.2:704 F '63.
(MIRA 16:2)

1. Institut organicheskoy khimii imeni N.D.Zelinskogo
AN SSSR.

(Cyclohexanone)

(Cyclohexylamine)

(Hydrogen peroxide)

GUNAR, V.I.; ZAV'YALOV, S.I.

Synthesis of trans-anti-trans-1-oxo- $\Delta^{4a, 12a}$ -hexadeca-
hydrochrysene. Izv. AN SSSR. Otd. khim. nauk no. 2: 380-382 F '63.
(MIRA 16:4)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.
(Chrysene)

ZAV'YALOV, S.I.; KONDRAT'YEVA, G.V.; GUNAR, V.I.

Synthesis of dibenzofuran derivatives. Izv. AN SSSR Ser. khim.
no.11:2086-2087 N '64 (MIRA 18:1)

1. Institut organicheskoy khimii N.D. Zelinskogo AN SSSR.

GUNAR, V.I.; ZEV'YALOV, S.I.

Structural orientation of the reaction of diketene with
monosubstituted ureas. Dokl. AN SSSR 158 no.6:1358-1361
0 164.

(MIRA 17412)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.
Predstavleno akademikom B.A. Karanskim.

KONDRAT'YEVA, G.V.; KOGAN, G.A.; FADEYEVA, T.M.; ZAV'YALOV, S.I.

β -Dicarbonyl compounds. Report No.21: Dissimilarity in chemical behavior of 2-methyl-1,3-cyclopentadienone and 2-methyldihydroresorcinol. Izv.AN SSSR.Ser.khim. no.9:1648-1653 S '64.

(MIRA 17:10)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.

VINOGRADOVA, L.P.; KOGAN, G.A.; ZAV'YALOV, S.I.

β -Dicarbonyl compounds. Report No.20: Interaction of 2-formylcyclohexanone enamines with hydrogen peroxide. Izv. AN SSSR. Ser. khim. no.6:1054-1060 Je '64. (MIRA 17:11)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.

KONDRA1'YEVA, G.V., ZAV'YALOV, S.I.

Reaction of cyclic β -diketones with acetoacetamides. Izv. AN
SSSR, Ser. khim. no. 10, 1909 O '64. (MIRA 17, 17)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.

UNANYAN, M.P.; KONDRAT'YEVA, G.V.; LOCHMELIS, A.Ya.; ZAV'YALOV, S.I.;
ZEYFMAN, Yu.V.; GAMBARYAN, N.P.; MINASYAN, R.B.; KNUNYANTS, K.L.;
KOCHARYAN, S.T.; ROKHLIN, Ye.M.; KAVERZNEVA, Ye.D.; KORSHAK, V.V.;
ROGOZHIN, S.V.; DAVANKOV, V.A.; TSEYTLIN, G.M.; PAVLOV, A.I.;
ZAKHARKIN, L.I.; OKHLOBYSTIN, O.Yu.; SEMIN, G.K.; BABUSHKINA, T.A.;
BLIEVICH, K.A.

Letters to the editor. Izv. AN SSSR. Ser. khim. no.1:1909-1914
'65. (MIRA 18:1)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR
(for Unanyan, Kondrat'yeva, Lochmelis, Zav'yalov, Kaverzneva).
2. Institut elementoorganicheskikh sovedineniy AN SSSR (for
Zeyfman, Gambaryan, Minasyan, Knunyants, Kocharyan, Rokhlin,
Korshak, Rogozhin, Davankov, Zakharkin, Okhlobystin, Semin,
Babushkina, Bilevich).

GUNAR, V.I.; ZAV'YALOV, S.I.

Case of γ -pyrone ring formation in the reaction of diketene
with urea derivatives. Izv. AN SSSR Ser. Khim. Nauki 1966, 1966, 1966.

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.

GUNAR, V.I.; OVECHKINA, L.F.; ZAV'YALOV, S.I.

Synthesis of 1,3-oxazine derivatives based on diketene. Izv.
AN SSSR. Ser. khim. no.6:1076-1077 '65.

(MIRA 18:6)

1. Institut organicheskoy khimii imeni Zelinskogo AN SSSR.

ZAV'YALOV, S.I.; GUNAR, V.I.; MIKHAYLOPULO, I.A.

Effect of mercury diacetate on the course of the reaction between diketene and ureas. Izv. AN SSSR khim. no.1:201 '65.

(MIRA 18:2)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.

MIKHAYLOPULO, I.A.; GUNAR, V.I.; ZAV'YALOV, S.I.

Selective methylation of simplest uracils. Izv. AN SSSR. Ser.
khim. no.9:1715 '65. (MIRA 18:9)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.

GUNAR, V.I.; OVECHKINA, L.F.; ZAV'YALOV, S.I.

Reaction of diketene with ammonia and amides of carboxylic acids. Izv. AN SSSR.Ser.khim. no.10:1885-1886 '65.

(MIRA 18:10)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.

ZAV'YALOV, S.I.; MIKHAYLOPULO, I.A.; GONAR, V.I.

Synthesis of orotic acid from maleuric acid. Izv. AN SSSR. Ser.
khim. no.10:1887-1888 '65. (MIRA 18:10)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.

ZAYETS, T.L.; ZAV'YALOV, S.K.

Enzymatic lysis of the scab in burns. Eksper. khir. i anest.
7 no.5:65-68 S-O '62. (MIRA 17:10)

1. Iz Instituta khirurgii imeni A.V. Vishnevskogo (dir.-
deystvitel'nyy chlen AMN SSSR.

ZAV'YALOV, S.K. (Moskva)

Use of substances accelerating detachment of the scab in local
treatment of patients with deep thermal burns. Eksper.khir. 1
anest. no.2:33-37'63. (MIRA 16:7)
(BURNS AND SCALDS) (NECROSIS)

ZAYETS, T.L.; ZAV'YALOV, S.K.

Influence of lysing substances on detachment of necrotic tissue particles in deep burns. Preliminary report on the use of urea and trypsin. Vest. AMN SSSR 16 no.8:12-16 '61. (MIRA 14:12)

1. Institut khirurgii imeni A.V.Vishnevskogo AMN SSSR.
(BURNS AND SCALDS) (UREA) (TRYPSIN)

BORSKIY, Boris Aleksandrovich; ZAV'YALOV, Serafim Nikolayevich;
GRINBERG, P.I., red.

[Continuous lines for the maintenance of automobiles] Tekhnicheskoe obsluzhivanie avtomobilei na konveiere. Moskva, Transport, 1964. 82 p. (MIRA 17:7)

ZAV'YALOV, Serafim Nikolayevich; SKLYARSKIY, A.S., red.; DONSKAYA, G.D.,
tekhn. red.

[Two-way radio communication in automobile transportation] Dvukh-
storonniaia radiosviaz' na avtomobil'nom transporte. Moskva,
Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh
dorog RSFSR, 1961. 37 p. (MIRA 15:3)
(Radio--Installation in automobiles)

ZAV'YALOV, Stepan Petrovich, shofer; PLEKCHANOV, I.P., red.; ZUYEV, N.K.,
tekh. red.

[Operation of the MAZ-205 dump truck] Eksploatatsia avtomobilia-
samosvala MAZ-205. Moskva, Nauchno-tekh. izd-vo avtotransp.
lit-ry, 1957. 45 p. (MIRA 11:7)

1. 1-ya avtobaza Glavmosavtotransa.
(Dump trucks)

ZAV'YALOV, S.Ya., uchitel'.

Keeping a notebook on botany and zoology. Est.v shkole no.5:71-73 S-O '53.
(MLHA 6:8)

1. Shkola No.28 g. Semipalatinska Kazakhskoy SSR.
(Biology--Study and teaching)

ZAV'YALOV, S., inzh.

Injector for cleaning sediment tanks in garages..Avt. transp. 37
no.10:34 0 '59. (MIRA 13:2)
(Garages--Equipment and supplies)

ZAV'YALOV, S.N.

Technical development and the organization of inventing and patenting. Avt. prom. 31 no.1:45-46 Ja '64.

(MIRA 18:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gosudarstvennoy patentnoy ekspertizy.

MEL'NIKOV, N.V.; SLEDZYUK, P.Ye.; ZAV'YALOV, S.S.; BUNIN, A.I.;
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Mikhail Lazarevich Rudakov, 1912-1964; an obituary. Gor.
zhur. no.9:78 S '64. (MIRA 17:12)

ZAV'YALOV, V., podpolkovnik

The Pentagon rules. Kozva. Vooruzh. 311 46 no.14:89-92 J1 '65.

(MIRA 12:7)

ZAV'YALOV, V., podpolkovnik; CHEBULAYEV, K., gvardii podpolkovnik zapasa

Reviews and bibliography. Komm. Vooruzh. Sil. 46 no. 21:
82-86 N 165
(MIRA 19:1)

ZAV'YALOV, V.

Moveable unit for receiving and pumping mortar. Stroitel' no.10:
26, 3 of cover 0 '61. (MIRA 14:11)

(Mortar)

ZAV'YALOV, V., mayor

The National Guard of the United States is a weapon of
reactionary imperialism. Komm.Vooruzh, Sil 3 no.21:87-89
N '62. (MIRA 15:10)

(United States—National Guard)

ZAV'YALOV, V., inzh.

Bridge constructed according to A.P. Gavrilenko's design.

Avt.dor. 20 no.7:24 J1 '57.

(MIRA 10:10)

(Novoladozhsk District--Bridges)

ZAV'YALOV, V., GUCHKOV, N., BALIYAN, A., Engs.

- Tractors - Motors

Repairing cylinder heads of tractor motors. MTS 13, No. 1, 1953.

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ZAV'YALOV, V.D.; STOLYAROVA, Ye.N.

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technique. Prikl. geofiz. no.17:33-66 '57. (MIRA 11:2)
(Prospecting--Geophysical methods)
(Seismic waves)

ZAV'YALOV, V.A.

Automatic machine for manufacturing coin-like aluminum bottle
stoppers by the British Factory "Fords." Spirt.prom. 26 no.7:

23-25 '60.

(MIRA 13:10)

(Great Britain--Bottling machinery)

GULYAYEVA, L.A.; ZAV'YALOV, V.A.; PODEL'KO, Ye.Ya.; SARKISYAN, S.G., prof.,
otv. red.; MAKARENKO, M.G., red. izd-va; ROMANOV, G.N., tekhn.
red.

[Geochemistry of domanik sediments in the Volga-Ural region] Geo-
khimiia domanikovykh otlozhenii Volgo-Ural'skoi oblasti. Moskva,
Izd-vo Akad. nauk SSSR, 1961. 102 p. (MIRA 14:8)
(Volga-Ural region--Shale)

MATVEYEV, I.M., inzh.; BYAKOV, P.T., inzh.; ZAV'YALOV, V.A., kand.tekhn.nauk

First peat priquet factory with a through-circulation screen-conveyor dryer. Torf.prom. 38 no.2:17-19 '61. (MIRA 14:3)

1. Gor'kovskiy sovmarkhoz (for Matveyev). 2. Pikinskoye torfopredpriyatiye (for Byakov). 3. Katininskiy torfyanoy institut (for Zav'yalov).

(Peat---Drying)

(Briquets(Fuel))

ZAV'YALOV, V.A., kand.tekhn. nauk

Energy losses in the briquetting of peat. Torf. prom. 35 no.
4:20-23 '58. (MIRA 11:?)

1. Moskovskiy torfyanoy institut.
(Briquets(Fuel))
(Peat)

ZAV'YALOV, V. A., Candidate Geolog-Mineralog Sci (diss) -- "The geochemistry of nickel, vanadium, and copper in the Domanik deposits of Bashkirda". Moscow, 1959. 8 pp (Acad Sci USSR, Inst of Geology and Working of Mineral Fuels), 150 copies (KL, No 25, 1959, 129)

2.4 v 10.10.57.

VOROSHILOV, A.P., kandidat tekhnicheskikh nauk; ZAV'YALOV, V.A., kandidat tekhnicheskikh nauk; IVANOV, V.M., kandidat tekhnicheskikh nauk.

Simplifying the manufacture of peat briquettes. Torf.prom. 34
no.5:18-22 '57. (MIRA 10:10)

(Briquets (Fuel))

AUTHOR: Zav'yalov, V. A. SOV/20-121-4-33/54

TITLE: On the Connection Between the Electrical Characteristic of the Cross-Section of Domanic Deposits and Its Lithological Chemical Features (O svyazi elektricheskoy kharakteristiki razreza domanikovykh otlozheniy s litologo-geokhimicheskimi osobennostyami poslednego)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 121, Nr 4, pp. 693 - 696 (USSR)

ABSTRACT: The Domanic deposits are very widespread among the sediments the Frasnian stage of the Volga-Ural mineral oil and natural gas area. Their height is about 25 m. Many geologists regarded these strata as mineral oil producing because the Domanic deposits are rich in organic bituminous material and very close to rich mineral oil horizons which are already being exploited. One of the author's tasks was to correlate the lithology in the Domanic section of Bashkiriya with the shape of the core sampling curve. The mentioned sediments are distinguished by a maximum of resistance which exceeded 2500 Ohms in some places. In the most frequently occurring

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On the Connection Between the Electrical Characteristic SOV/20-121-4-33/54
of the Cross-Section of Domanic Deposits and Its Lithological Chemical
Features

sections a negative anomaly corresponds to the maximum of the curve of spontaneous polarization; this anomaly takes about one-third of the Domanic thickness. At the beginning and the end of the Domanic age in the characteristic sections an increased accumulation of loam is to be observed in the sediments. Thus, also the increase of the $\|C$ -curve (Fig 1) in the top and sole of the Domanic is explained. For the solution of this task the author used the chemical analyses of rocks (%-content of CO_2 and C_{org}) which were taken from 70 samples of bore holes and which characterized individual parts of Bashkiriya. Table 1 shows the individual lithological varieties of rocks with respect to their $CaCO_3$ content (Ref 2). On the diagram given in figure 2, the dependence between S_k and the content of CO_2 in percent is mentioned as well as between the content in % of CO_2 and C_{org} . This shows that the values of the apparent specific resistances increase at the transition from calcareous loam to loamy

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calcareous rocks. It finally increases in jumps in the region of calcareous rocks. It may further be seen that small values of C_{org} correspond to calcareous loams whereas the maximum of the curve $C_{org} / - / CO_2 /$ corresponds to the loams and loamy marls. Later on, slowly decreasing, the curve reaches the part of the calcareous rocks where it approaches the horizontal axis of coordinates. 3 curves were plotted characterizing the following parts of Bashkiriya: a) II v - the north-western, northern and western, b) II a - the north-eastern part and c) II b - for the whole area. From the diagram in figure 2 can be seen that the content of the organic substance has no effect on the core sampling by electrical means. The reason is probably the physical state of the organic material of the Domanic. Thus the conclusion may be drawn that the character of core sampling by electrical means depends entirely on the degree of carbonate content of the rocks and that due to the apparent specific resistance in the section various lithological types of rocks

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may be separated. Curve III (Fig 2) makes possible to
classify the same types of rocks and their average content
of C_{org} . The combination of the curves I and II makes it possible
to find out individual types of rocks and the average contents
of C_{org} which correspond to them. At the end examples are
given. There are 2 figures, 3 tables, and 3 references, 3 of
which are Soviet.

ASSOCIATION: Institut nefti Akademii nauk SSSR (Petroleum Institute, AS USSR)
PRESENTED: December 16, 1957, by S.I. Mironov, Member, Academy of Sciences,
USSR
SUBMITTED: December 16, 1957

Card 4/4

GORINSKITEYN, L.L., kand. tekhn. nauk; ZAV'YALOV, V.A., kand. tekhn. nauk;
NEMOLVIN, N.S., inzh.; TALDYKIN, B.S.

Complex improvements and automatic control of technological operations
at the peat-briquet plant. Torf. prom. 36 no.7:11-16 '59.

(MIRA 13:3)

1. Kalininskiy torfyanoy institut (for Gorinshteyn, Zav'yalov).
2. Tatishchevskoye torfopredpriyatiye (for Nemolvin, Taldykin).
(Peat industry--Equipment and supplies) (Briquets (Fuel))

ZAV'YALOV, V.B., assistant

Selecting the rate of lateral feed for the initial period of the grinding cycle on circular grinding machines. Izv. vys. ucheb. zav.; mashinostr. no.8:183-191 '64.

(MIRA 17:11)

1. Moskovskiy avtomekhanicheskiy institut.

CHV / 7-24 / V.D.
82

PHASE I BOOK EXPLOITATION

SOV/3914

SOV/53-M-24

Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut geofizicheskikh metodov razvedki

Prikladnaya geofizika; sbornik statey, vyp. 24 (Applied Geophysics; Collection of Articles, No. 24) Leningrad, Gostoptekhizdat, 1960. 260 p. 3,500 copies printed.

Sponsoring Agency: USSR. Ministerstvo geologii i okhrany nedr.

Scientific Ed.: M.K. Polshkov; Executive Ed.: A.A. Chizhov; Tech. Ed.: I.M. Gennad'yeva

PURPOSE: This book is intended for members of scientific research organizations, engineers and technical personnel engaged in geophysical surveying and research in industrial organizations.

COVERAGE: This is a collection of 11 articles by different authors on new methods of interpreting data and evaluating techniques in seismic, electrical, and gravimagnetic methods of surveying wells. The theory of seismic instrumentation and methods of outlining flat platform structures through seismic surveys are discussed,

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Applied Geophysics (Cont.)

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and theoretical problems of a new electrical survey method developed by the VNIIGeofizika (All-Union Scientific Research Institute of Geophysical Methods of Surveying) are analyzed. Recent developments in the interpretation of gravimetric and gravimagnetic methods and a new method for separating coal beds by gamma logging are also described. No personalities are mentioned. Most of the articles are accompanied by references, a majority of which are Soviet.

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Applied Geophysics (Cont.)

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ZAV'YALOV, V.A.; MALTSEVA, O.S.

Mercury in one of the Devonian cross sections of the Timan
Valley. Neftgaz, geol. i geofiz. no.4:60-63 '63 (MIRA 17:7)

1. Institut geologii i razrabotki goryuchikh iskopayemykh
AN SSSR.

ZAV'YALOV, V. A.

"Lateral Side Pressure in Peat Briquetting." Sub 20 Mar 51, Moscow Peat Inst

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964020004-5

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964020004-5"

ZAV'YALOV, V.A., kandidat tekhnicheskikh nauk; MALININ, N.I., inzhener.

Some problems of pressing lignite and other loose materials. Ugol'
32 no.3:33-35 Mr '57. (MLRA 10:5)

(Lignite)
(Briquets (Fuel))

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964020004-5

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964020004-5"

IVANOV, V.N., kandidat tekhnicheskikh nauk; ZAY'YALOV, V.A., kandidat
tekhnicheskikh nauk; MEDVEDEVA, L.I.

Effect of the quality of peat preparation and drying on the briquet-
ting process. Torf.prom. 33 no.1:11-14 '56. (MLBA 9:5)

1. Moskovskiy torfyanoy institut.
(Peat industry)

(C) , (a); (b) , (c); (d) , (e).

Investigating the police in connection with the above-mentioned material, in a letter dated 1/1/71.

(11A 12:2)

ZAV'YALOV, V.A., kandidat tekhnicheskikh nauk; IVANOV, V.M., dotsent;
VOROSHILOV, A.P., kandidat tekhnicheskikh nauk.

Moisture content of the raw material for peat briquette plants.
Tef.prem.33 no.5:29-27 '56. (MLRA 9:9)
(Peat) (Briquets (Fuel))

IVANOV, V.N., kandidat tekhnicheskikh nauk; ZAV'YALOV, V.A., kandidat tekhnicheskikh nauk; MEDVEDEVA, L.I.

Effect of the quality of peat preparation and drying on the briquetting process. Torf.prom. 33 no.1:11-14 '56. (MLRA 9:5)

1. Moskovskiy torfyanoy institut.
(Peat industry)

IVANOV, V.N., kandidat tekhnicheskikh nauk; ZAV'YALOV, V.A., kandidat tekhnicheskikh nauk; MEDVEDEVA, L.I.

Effect of the quality of peat preparation and drying on the briquetting process. Torf.prom. 33 no.1:11-14 '56. (MLRA 9:5)

1. Moskovskiy torfyanoy institut.
(Peat industry)

ZAV'YALOV, V.A., kandidat tekhnicheskikh nauk.

Briquetting brown coal on briquet disc presses. Ugol' 29 no.11:37-
40 '54. (MLRA 7:11)

(Briquets (Fuel))

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964020004-5

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964020004-5"

ZAV'YALOV, V.D.

Means for increasing the effectiveness of seismic prospecting
using standard equipment in the southwestern margin of the
Russian Platform. Sbor.luch.rats.predl. pt. 2:19-28 '63.

Method for reading a seismographic record. Ibid.:28-29
(MIRA 17:5)

1. Treat "Ukrgeofizrazvedka".

ZAV'YALOV, V.D.; BENDERSKIY, V.I.

Seismic methods: controlled beam receptor, plane front, and
transverse seismic profiling. Sbor.luch.rats.predl. pt. 2:
29-30 '63. (MIRA 17:5)

1. Trest "Ukrgeofizrazvedka".

ACC NR: AP6015684

SOURCE CODE: UR/0413/66/000/009/0084/0084

INVENTOR: Zav'yalov, V. D.; Timoshin, Yu. V.

ORG: None

TITLE: A device for automatically processing information, e. g. data of area observations obtained by seismic motion picture photography. Class 42, No. 181317

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 9, 1966, 84

TOPIC TAGS: information processing, cathode ray tube, storage tube

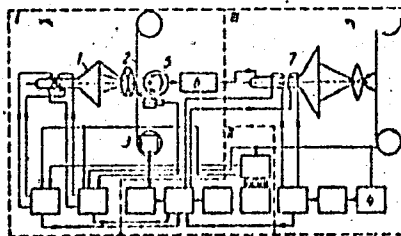
ABSTRACT: This Author's Certificate introduces a device for automatically processing information, e. g. data of area observations obtained by seismic motion picture photography. The installation contains a reproduction unit in the form of a cathode ray tube; an optical system, information carrier, transport mechanism for this carrier, photomultiplier, pulse amplifier and means for synchronization. The unit which constructs the final information includes a cathode ray tube, optical system, photographic film for recording the information and a computer. The system is designed for automatic construction of informational data, e. g. seismic profiles. The unit for construction of the final information is made in the form of a charge-storage tube with a permeable signal plate. This tube adds the signals from all sources of information with given time shifts and provides a visible image of the object. The reading

UDC: 53.087.550.340.8

Cord 1/2

ACC NR: AP6015684

and writing guns in the storage tube are connected to the computer output.



I--reproduction unit; II--computer; III--unit for constructing the final information;
1--cathode ray tube; 2--information carrier; 3--transport mechanism; 4--synchroniza-
tion generator; 5--photomultiplier; 6--amplifier; 7--charge-storage tube with signal
plate

SUB CODE: 09/ SUBM DATE: 24Aug64

Card 2/2

ZAV'YALOV, V. D.

USSR/Geophysics - Physics of the Earth

FD-1715

Card 1/1 : Pub. 45-3/12

Authors : Zav'yalov, V. D., and Timoshin, Yu. V.

Title : ~~_____~~
Hodographs of reflected waves for curvilinear boundaries of a section and their interpretation

Periodical : Izv. AN SSSR, Ser. geofiz., 118-129, Mar-Apr 1955

Abstract : The authors discuss the question of the form of hodographs of reflected waves in the case of non-planar reflecting boundaries, and they indicate the analytical and graphical methods of solving the direct and inverse problems of seismographic geophysical exploration by the method of reflected waves. For the solution of the problem the authors use the principle of the mirror image of a source of elastic oscillations.

Institution : West Ukrainian Geophysical Office "Ukrneftegeofizika"

Submitted : July 3, 1953

S/169/62/000/007/031/149
D228/D307

AUTHOR: Zav'yalov; V. D.

TITLE: Method and results of seismic surveying in the Carpathian Trough's inner zone

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 7, 1962, 22-23, abstract 7A148 (V sb. Sostoyaniye i perspektivy razvitiya geofiz. metodov poiskov i razvedki polezn. iskopayemykh, M., Gostoptekhizdat, 1961, 292-298)

TEXT: In the Carpathian Trough's inner zone the seismic method of mass spatial soundings (MSS) was found to be more effective than the normal reflection and correlation-refraction methods. MSS consists of the determination of the spatial position of reflecting elements from the data of cross seismic soundings with a high areal distribution. Under conditions of the Carpathian Trough's inner zone this method gives quite reliable results when the reflecting horizons dip at angles of not less than 10 - 15°. Mean velocity changes and the presence of faults limit the possibility

Card 1/2

Method and results ...

S/169/62/000/007/031/149
D228/D307

ties of MSS in reconnaissance work. The data of MSS permit the more rational distribution of observations by the method of controllable set reception (CSR), which gives more detailed results. The data of MSS and CSR can, however, be interpreted if there are boreholes. The results of applying the methods of MSS and CSR are described. [Abstracter's note: Complete translation.] ✓

Card 2/2

ZAV'YALOV, V.D.

Interpretation of seismograms in the interference zone. Prikl.
geofiz. no.24:26-53 '60. (MIRA 13:6)
(Seismometry)

ZAV'YALOV, V.D.

Photoseismoanalyzer. Razved. i prom. geofiz. no.25:27-35 '58.
(MIRA 12:4)

(Seismometry--Electromechanical analogies)

ZAV'YALOV, V.D.

Mass spatial seismic prospecting in the Carpathians. Geol.net 1 2
no. 12:53-59 D '58. (MIRA 12:2)
(Carpathian Mountains--Prospecting--Geophysical methods)
(Seismic waves)

MIRZOYAN, G.S.; ZAV'YALOV, V.F.; LEVIN, M.M.

Effect of the rapidity of mold rotation on the structure of steel castings. Izv. vys. ucheb. zav.; chern. met. 7 no.3:77-80 '64.
(MIRA 17:4)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya.

L 36810-66 EWP(k)/EWT(m)/T/EWP(w)/EWP(t)/ETI · IJP(c) JD/HW

ACC NR: AP6024260

SOURCE CODE: UR/0128/66/000/007/0010/0011

AUTHOR: Mirzoyan, G. S. (Candidate of technical sciences); Zav'yalov, V. F. (Engineer); Tinyakov, V. G. (Engineer) 38

ORG: none 36
B

TITLE: Centrifugal casting of thin-wall steel shells

SOURCE: Liteynoye proizvodstvo, no. 7, 1966, 10-11

TOPIC TAGS: steel, ~~tube~~ ^{metal tube}, alloy steel, chromium containing steel, silicon containing steel, nickel containing steel, tungsten containing steel, vanadium containing steel, tube shell, tube shell casting, centrifugal casting/30KhSNVFA steel

ABSTRACT: The possibility of manufacturing 30KhSNVFA steel tube shells 520 mm in diameter, 15--20 mm wall-thickness, and up to 400 mm long, has been investigated. The steel was melted in a basic induction furnace and cast at 1530--1540C in a water-cooled mold at a speed of 400 rpm. Shells with a wall thickness of about 28 mm, cast in 50--30 sec with a metal solidification rate of 0.50--0.90 mm/sec, were found to have longitudinal cracks. No cracks were observed when the pouring time was reduced to 16 sec and the solidification rate was increased to 1.10--1.70 mm/sec. Castings, annealed at 1100C for 4 hr, furnace cooled to 400C, and then air cooled, had a hardness of about HB228, a tensile strength of 79--89 kg/mm², a yield strength of 52--58

Card 1/2

UDC: 621.74.042:669.141.25

L 36810-66

ACC NR: AP6024260

kg/mm², and a microstructure consisting of lamellar perlite and sorbite without nonmetallic inclusions. The shells were successfully hot rolled into tubes 500 mm in diameter with a wall thickness of 5 mm. Orig. art. has: 3 figures and 2 tables. [AZ]

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 001/ ATD PRESS: 5039

Card 2/2

LEVIN, M.M.; MIRZOYAN, G.S.; ZAV'YALOV, V.F.

Centrifugal casting of cogwheel blanks. Trakt. i sel'khoz-
mash. 33 no.10:43-45 O '63. (MIRA 17:1)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tekhnolo-
gii i mashinostroyeniya.

ZAV'YALOV, V.G.

Study of the dephenolization of shale tar fractions by means of an
aqueous solution of NaOH. Trudy VNIIT no.9:110-123 '60.
(MIRA 13:11)

(Phenols)

(Oil shales)

ZAV'YALOV, V. G.; SEMENOV, S. S.

Testing the methanol method of separating a diesel fraction of
shale tar. Trudy VNIIT no. 11:155-167 '62. (MIRA 17:5)

BLAGONRAVOV, S.I.; BREK, B.M.; BYAKOV, P.T.; VIKTOROV, V.S.; VAGANOV,
V.I.; GUSEV, S.A.; GLEBOV, V.V.; GURILEV, A.M.; DANILOV, G.D.;
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KULIGIN, A.S.; KASATKIN, A.P.; KUZNETSOV, N.I.; LEBEDEV, A.I.;
LEMPERT, Ye.N.; MARGEVICH, Ya.I.; MAYZEL', M.A.; MITYAKOV, V.S.;
NOSKOV, M.M.; RYABCHIKOV, M.Ya.; RATSMAN, N.I.; TVOROGOV, M.K.;
UGOL'NIKOV, V.Ya.; KHAR'KOV, G.I.; CHADOV, S.L.

Lev Mil'evich Matveev; obituary. Torf. prom. 38 no.4:38 '61.

(MIRA 14:9)

(Matveev, Lev Mil'evich, 1914-1961)

SEMENOV, S.S.; ZAV'YALOV, V.G.; KUZNETSOVA, O.A.

Investigating the composition of the brown oil of a natural gasoline
pyrolizate. Trudy VNIIT no.13:22-30 '64.

(MIRA 18:2)

GLADILINA, Ya.M.; ZAV'YALOV, V.G.; KOZLOV, N.N.; PETRUNIN, M.M.;
PYSHKINA, N.I.; SEMENOV, S.S.

MS-25 lacquer on a base of the styrene-xylene fraction of a
pyrolizate of chamber natural gasoline. Trudy VNIIT no.13:
31-37 '64. (MIRA 18:2)

SEMENOV, S.S.; ZAV'YALOV, V.G.; SOLOV'YEV, Yu.A.

Pyrolysis of petroleum fractions in a laboratory pipestill.
Trudy VNIIT no.13:38-44 '64. (MIRA 18:2)

SEMENOV, S.S.; ZAV'YALOV, V.G.

Recovery of phenols from oil-shale fractions without use of alkalis. Trudy VNIIT no.9:124-133 '60. (MIRA 13:11)
(Phenols) (Oil shales)

SEMENOV, S.S.; KOBYL'SKAYA, M.V.; KUZNETSOVA, O.A.; SOLOV'YEV, Yu.A.;
ZAV'YALOV, V.G.; MASHIN, V.N.; VELITSKAYA, O.Ya.;
PETRUNIN, M.M.; RIF, L.L.

Starting a pyrolysis unit for chamber gasoline in the V.I.
Lenin Oil Shale Processing Combine. Trudy VNIIT no.12:64-68
'63. (MIRA 18:11)

ZAV'YALOV, V.I.

Functional and temperature characteristics of the recovery
period after profound fatigue induced by prolonged work. Fiziol.
zhur. [Ukr.] 9 no.6:816-818 N-2 '63. (MIRA 17:8)

1. Kafedra normal'noy fiziologii Ziyovskogo meditsinskogo
instituta im. akad. Bogomol'tsa.